# **Community Fire Planning**

for the Wildland - Urban Interface

# **Guidance Document**

Protecting Life, Property, and
Community Values
through
Community-Based Planning

# **Department of Natural Resources Division of Forestry, Fire and State Lands**

1594 West North Temple, P.O. Box 145703, Salt Lake City, Utah 84114-5703

#### INTRODUCTION

Wildfire has been a continuing challenge throughout Utah's history. There are several areas in Utah where there is an extreme danger of wildland-urban fire. In fact, any fire over 100 acres threatens so me structure due to the increase in development into wildland areas. Over 400 of Utah's communities have been classified as "at risk" of wildfire. The safety of the citizens of any community is a shared responsibility between the citizens; the owner, developer or association; and the local, county, state and federal governments. The primary responsibility, however, remains at the citizen/owner and association level.

#### The following problems have increased the wildland-urban interface wildfire risk:

- Desire to live in a secluded area surrounded by natural vegetation without defensible space.
- Homes are built of flammable materials (wood siding, shakes and patios).
- Fire equipment is hampered from protecting an area because of long, narrow, winding or steep driveways.
- Distance from fire departments.
- One ingress and egress road in subdivisions and some communities.
- Misperception that fire protection in rural areas is equal to urban fire protection services.
- Inadequate water supply.
- Poor signage and access to residences.
- No hazard planning for evacuation, no early warning systems.
- Utility service lines and propane tanks.

# The purpose of community fire planning is to...

- Empower communities to organize, plan, and take action on issues impacting community safety
- Enhance levels of fire resistance and protection to the community
- Identify the risks of wildland-urban interface fires in the area
- · Identify strategies to reduce the risks to homes and businesses in the community during a wildfire

## **OBJECTIVES OF COMMUNITY FIRE PLANNING IN UTAH**

- · Facilitate organization of citizen fire councils to guide planning and coordinated action
- Improve community safety through:

✓	Coordination	✓	Training	✓	Fire Prevention
✓	Education	✓	Fuel modification	✓	Public Sa fety

- Enhance fire protection through:
  - ✓ Improved fire prevention and public education
  - ✓ Improve d coordination within the community
  - ✓ Development of long-term strategies
- ★ Reduce the potential for and the consequences of a wildfire

# STATEMENT OF LIABILITY

The activities suggested by this guidance document, the assessments and recommendations of fire officials, and the plans and projects outlined by the citizen fire council, are made in good faith according to information available at this time. The community wildfire committee is responsible for the actions taken under this plan. The Utah Division of Forestry, Fire and State Lands can make no guarantees regarding the level of success users of this plan will experience. Wildfire still occurs, despite efforts to prevent it or contain it; the intent of all decisions and actions made under this plan is to reduce the potential for and the consequences of wildfire.

#### ABOUT THIS DOCUMENT

This document provides the outline for and specifies the information recommended for inclusion in a wildfire plan. If possible, the community should create its own document using a word-processing program, following the format outlined here; however, this workbook format has been created to provide whatever assistance possible in facilitating this process.

#### Part I - Community Description

The community description identifies community resources that can be used to complete the goals of the plan, and a physical description of the community to guide wildfire preparation and response decisions.

#### Part II - Community Prescription

The community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.

#### Part III - Resources

This section contains a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.

#### Part IV - Technical Assessments

This section includes fire officials' assessments and ratings of the wildfire hazard in the community, and their recommendations for actions to mitigate hazards.

#### Appen dix

The information to be included in the appendix is primarily determined by the community and fire officials: data, assessments, maps, contact lists, project worksheets -- whatever might prove useful to the community.

# RESOURCES

For resources to complete a wildfire plan for your community, consider organizations such as the following:

- ✓ Local / Primary fire protection provider
- ✓ Local Resource, Conservation and Development Districts
- ✓ Utah Division of Forestry, Fire and State Lands
- ✓ Utah State Fire Marshal (Dept. of Public Safety)
- ✓ Utah Comprehensive Emergency Management
- ✓ Utah Living With Fire
- ✓ FireWise

- ✓ County fire agencies
- ✓ County emergency management services
- ✓ American Red Cross
- ✓ U.S.D.A. Forest Service
- ✓ U.S. Department of Interior Agencies
- ✓ Utah Resource Conservation Districts

Contact information for some of the above-listed agencies is included in the back of this document.

For information concerning the Community Fire Planning guidance document, contact the Utah Division of Forestry, Fire and State Lands, P.O. Box 145703, Salt Lake City, Utah 84114-5703. Or, e-mail jennifergregerson@utah.gov. The Community Fire Planning guidance document is available at http://www.nr.utah.gov/slf/fmcommunityfirepln.htm.

Completed Community Fire Plans should be submitted to your local Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands.

#### **ACKNOWLEDGMENTS**

The Utah Division of Forestry, Fire and State Lands would like to thank Kathy Hammons and Janet Johnson of Community Solutions, Inc. for their input and work on this document. The Division also appreciates those agencies whose publications inspired the creation of this document, such as the Pennsylvania Model Prevention, Pre-suppression and Preparedness Plan, the Colorado State Forest Service Wildfire Hazard Mitigation and Response Plan, the Big Sky Fire Management Strategy, Utah's Wildland-Urban Interface Fuel Load Reduction Community Level Protection document, and others. Finally, thanks to Arthur W. DuFault, former Utah State Forester and National Fire Plan Coordinator, who initiated this endeavor for the State of Utah.

# **Community Fire Planning Checklist**

# INSTRUCTIONS

This checklist is provided to help the community track its progress in development of its community wildfire plan. The Community Wildfire Council is responsible for completing Sections I and II; fire officials are responsible for completing Section IV. Section III and the Appendix should be a joint effort between the community and fire officials.

It is requested by state fire officials that the structure of the community fire plan follow this outline; this will provide continuity among Utah's community fire plans, and facilitate information sharing in emergency situations.

Community :	County:
Primary Contact:	Phone:
Secondary Contact:	Phone:

Section		Completed by <b>Printed Name / Signature</b>	Date
I.	<b>Community Description</b>		
I.	Declaration and Concurrence Planning Committee Members List Community Legal Structure Population Values at Risk Natural Resources at Risk Commercial Entities Formal Associations Media Support Schools Transportation (Railroad, Highway) Private Emergency Service and Equipment Capabilities Restricting Covenants, Ordinances Insurance Rating  Physical Description Access Roads Driveways Structures Bridges, Gates, Culverts		
	Utilities Sewage System	/	

Section		Completed by Printed Name / Signature	Date
II.	<b>Community Prescription</b>		
	Goals of Plan Identification of Actions Identification of Responsible Parties, Resources, Priorities		
III.	Resources		
	List of resources available in a community wildfire reference library	/	
IV.	Technical Assessments		
	A. Community Description		
	Area Topography and Vegetation Infrastructure Water Supply Emergency Services / Equipment Capabilities  Hazard Evaluation:  Area Fire History Subdivision Hazard Rating		
	Property / Structure Ratings Expected Fire Behavior	/	
	<b>B.</b> Community Prescription		
	Fuel Modification Projects Infrastructure Improvements Education Wildfire Response / Pre-Attack Plan Monitoring and Evaluation Evacuation Plan		
	Appendices		
	Emergency contact lists Technical Assessments and Maps Maps (topography, escape routes, etc.)		

# INSTRUCTIONS

# **Declaration and Concurrence Page**

This list needs to be customized to the individual plan. Provide the names and affiliations of all fire partners. This page will then be signed after all fire partners have reviewed the plan <u>and concur with its contents</u>. Fire partners should include -but are not limited to - homeowners, developers, Home Association representatives, fire department personnel, police, emergency management, Forest Service, BLM, etc. An Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands must be included.

# **SAMPLE**

Name / Affiliation: Signature:	Richard Dixon, Developer Richard Dixon	Date:	03/31/02
Name / Affiliation:			
Signature:		Date:	
Name / Affiliation:			
Signature:		Date:	
Name / Affiliation:			
Signature:		Date:	
Name / Affiliation:			
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Signature:		Date:	
Name / Affiliation:			
Signature:		Date:	

# Declaration and Concurrence Page, continued

Name / Affiliation:	
Signature:	Date:
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Signature:	Date:

# PART I COMMUNITY DESCRIPTION

**Directions:** This section is to be completed by the Community Wildfire Committee. A community description identifies community resources that can be used to complete the goals of the plan as well as a physical description of the community that can help impact wildfire preparation and response decisions.

# INSTRUCTIONS

# 1. Planning Committee Members List

List the names, affiliations, phone numbers and e-mail addresses of all planning committee members.

<u>Name</u>	Affiliation	Phone Number	E-mail

		INSTRUCTION	S		
2.	Community Legal Structure				
ass	t the government entities associated with the ociation(s), other. Part of the purpose in this eral, state, or other - can be channeled.				
	Organization C	Contact Person	Phone Number	E-mail	
3.	Population	INSTRUCTION	S		
Pro	vide information regarding the population of	f the area.			
	Approximate number of homes:				
	Approximate number of lots:				
	Approximate number of commercial entitie	s:			
	Approximate number of full-time residents:				
	Approximate number of part-time residents:	:			
	Approx. visitor population during fire seaso	on:			
	reppromise population during me ocuse				
		INSTRUCTION	S		
4.	Estimated Values at Risk				
	ovide an approximation of the estimated curre unty Assessor should be able to assist with th		l and commercial property	in the subdivision. (T	he
	The estimated values at risk of residential a	nd commercial proper	ty in the year 20	re ap proximately	

INSTRUCTIONS	
. Natural Resources at Risk	
Describe the natural resources at risk in the subdivision and surrounding area, such as watershed, forest products, wildlife, ecreation tourism, etc.	
i	
INSTRUCTIONS	
. Commercial Entities	
cist contact information for commercial entities in the area (not just in the subdivision).	

Organization	Contact Person	Phone Number	E-mail	<u>Address</u>

# INSTRUCTIONS

# 7. Formal Associations

List contact information for civic groups, churches, volunteer organizations, senior citizen groups, youth groups, etc.

<u>Organization</u>	Contact Person	Phone Number	<u>E-mail</u>

# INSTRUCTIONS

# 8. Media Support

List contact information for local media, such as newspapers, newsletters, television, radio, websites, etc.

<u>Organization</u>		E-mail

INC	TD	$\mathbf{I}$	NT C'

# 9. Schools

List contact information for all public and private schools in the community.

School	 <u>Phone</u>	<u>E-mail</u>	Address_

# INSTRUCTIONS

# 10. Transportation

List contact information for any railroad, highway, or other public transportation routes or means in the community.

<u>Organization</u>	Contact Person	Phone Number	E-mail

T	N	C	Т	D	TΤ	C	ГT	a	N	C

#### 11. Private Emergency Services and Equipment

List <u>privately owned</u> equipment and services available for wildfire response (such as tow trucks, bulldozers, etc.), with contact information. If such services or equipment are already contracted under the County Mobilization Plan, they should <u>not</u> be listed here.

Contact Person	<u>Phone</u>	<u>E-mail</u>	<u>Address</u>

#### INSTRUCTIONS

# 12. Restricting Covenants, Ordinances, etc.

Describe any pertinent restricting covenants, ordinances, etc. concerning wildfire in the community. For example, home association bylaws may have requirements regarding building construction materials or vegetation removal, or regarding access in a gated community.

Source	<u>Details</u>

# INSTRUCTIONS

# 13. Insurance Rating

Provide the current insurance rating for the community. (The community's primary fire protection provider should be able to assist with this information.)

ъ.		
HITE	insurance rating:	

# **INSTRUCTIONS** 14. PHYSICAL DESCRIPTION While completing the following assessments of the community, consider the height, width, weight, and tumaround needs of emergency equipment. Exact clearance requirements may vary by community. Road clearance height ≥ 13'6" Dead end street turnaround ≥ 100' diameter Road clearance width ≥ 20' Bridge/culvert weight limit $\geq$ 20 tons per axle ≥ 13'6" Driveway clearance height Driveway turnarounds\* ≥ 30' (inside turning radii), 45' (outside) Driveway clearance width Driveway turnouts\*\* ≥ 10' wide and 30' long ≥ 12' \* for drivew ays in excess of 150' in length \*\* for driveways in excess of 200' in length and less than 20' in width **INSTRUCTIONS** A. Access Provide very detailed information regarding access to the community, including all-weather and seasonal access. Directions to community: ii. All-weather access: iii. Seasonal access:

#### **INSTRUCTIONS**

# B. Roads

Provide information regarding the condition and types of roads in the community. Percentages are ideal, but general estimations are sufficient.

- i. (No / few / some / most / all) road signs are present.
- ii. % are pavement; % are gravel; % are dirt
- iii. (Most / All) will support [#]\_\_\_\_ lanes of traffic.
- iv. (None / Some / All) are loop roads.
- v. (None / Some / All) are dead-end roads. Of these, (most / all) have (adequate / inadequate) turnaround space available at the end of the road for emergency equipment (based on turning radius listed in front of this section).

#### **INSTRUCTIONS**

#### C. Driveways

Provide a general assessment of the driveways in the community, in regard to emergency equipment (based on height and width information listed in front of this section) and emergency response.

- i. Most driveways width and height clearance, road grades and vegetation appearance are ( adequate / inadequate ) for emergency equipment.
- ii. (No/few/many/most/all) individual homeowners have posted their name and address.

# INSTRUCTIONS

#### D. Structures

Assess the community in regard to building structures and wildfire hazard - construction materials, visibility, etc. Percentages are ideal, but general estimations are sufficient.

- i. ( None / few / some / many / most / all ) are of wood-frame construction.
- ii. ( None / few / some / man y / most / all ) have wood decks or porches.
- iii. (None / few / some / many / most / all) have wood shake or shingle roofs.
- iv. (None / few / some / many / most / all) are visible from the main subdivision road.

# INSTRUCTIONS

# E. Bridges, Gates, Culverts, other

Assess the community's infrastructure for potential obstacles to emergency response. Consider weight, height, and width information of emergency vehicles as listed in front of this section.

- i. (No/Some/All) bridges support emergency equipment.
- ii. (No/Some/All) gates provide easy access to emergency equipment.
- iii. (No/Some/All) culverts are easily crossed by emergency equipment.

# **INSTRUCTIONS**

# F. Utilities

Assess and provide information on the utilities serving the community, in regard to wildfire hazard and emergency response capabilities.

i.	Telephone service is ( below / above ) ground.	
	Provided by: Telephone number:	
ii.	Electrical service is ( below / above ) ground.	
	Provided by: Telephone number:	
iii.	Are there homes / structures utilizing propane? Yes / No	
	If yes:% of those propane tanks are <u>above ground</u>	
	If some <u>are</u> above ground:% are marked with a flag or by other highly visible means	
	List locations of those propane tanks above ground:	
iv.	Are there homes / structures utilizing natural gas? Yes / No	
v.	Primary water sources	
	Approximately% of homes use central water system.	
	Approximately% of homes use individual wells.	
	Approximately% of homes have additional private water source.	
	Water provided by: Telephone number:	

# PART II: COMMUNITY PRESCRIPTION

**Directions:** This section is to be completed by the Community Wildfire Committee. A community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.

## INSTRUCTIONS

#### 1. Goals of Plan

Provide a brief statement of the goals of the Community Wildfire Plan. Each plan must address the following: Fuel Reduction, Facilities and Equipment, Education, Emergency Response Plan (including comprehensive plans for shelter-in-place and evacuation), Regulative Issues, and Evaluation and Maintenance.

\_\_\_\_\_

#### **SAMPLE**

# 1. GOALS/PURPOSE OF PLAN

- A. Community will decrease fuels to reduce wildfire intensity and impact in and around the community.
- B. Community will evaluate, upgrade and maintain community wildfire preparation and response <u>facilities and</u> equipment.
- C. Community will help educate community members to prepare for and respond to wildfire.
- D. Community will develop and implement a comprehensive emergency response plan.
- E. Community will actively address identified <u>regulative issues</u> impacting community wildfire prevention and response needs.
- F. Community will regularly evaluate, up date and maintain planning commitments.

\_\_\_\_\_

<u>Component</u>	<u>Goals</u>
Fuel Reduction	
Facilities & Equipment	
Education	
Emergency Response Plan	
Regulative Issues	
Evalua te/Upda te/Ma intain	

INSTRUCTIONS

2. Identification of Actions							
Describe projects that need to be done to complete the goals of the plan, and to perform annual and periodic maintenance of the plan.							
SAMPLE							
Goal A:. Community will decrease fuels to reduce wildfire impact in and around the community.							
ACTION 1: The Fire Committee will implement fuel modification projects.  ★ Education campaign: Information meetings, brochures, individual assessment of property by fire expert, video tape check out, demonstration areas  ★ Group purchases of services, i.e. hauling, cutting, chipping, roofing  ★ School & Youth community service projects  ★ Fuel break  ★ Service Organization clean-up projects  ★ Community roadside cutting, spraying, reseeding project							
ACTION 2: The Fire Committee will work with state/federal fire officials to develop and implement a perimeter fuel break plan.							
Goal:							
Action(s):							
Goal:							
Action(s):							
ii							
Goal:							
Action(s):							

# Identification of Actions, continued: (Copy page as needed) Goal: Action(s): Goal: Action(s): Goal: Action(s): Goal: Action(s): Goal:

Action(s):

# INSTRUCTIONS

# 3. Identification of Responsible Parties, Resources and Priorities

Outline how the actions described in Item 2 will be accomplished, by listing responsible parties (person who is responsible for each action), resources (assets needed to complete actions), and priorities (designating of each action as high, medium or low priority).

# **SAMPLE**

Goal	Action	Resources	Responsible Party	Priority
1. Fuel Reduction	1. The Fire Committee will implement fuel modification projects.  Education Campaign ★ Brochures ★ Video tapes ★ Demo areas ★ Meetings ★ Property assessment by fire professional  School & Youth community service events  Fuel break volunteer time & equipment  Service Organization clean-up events  Community roadside cutting, spraying, reseeding projects	www.Firewise.org     Forestry Fire & State     Lands Fire Mgmt Officer     Bureau of Land Mgmt     National Forest Service     Utah Living With Fire     County Fire Marshal     Local Fire Department     Civic Organizations	Fuel Reduction Sub-committee Chairperson	High
	2. Community will work with state/federal fire officials to develop and implement a perimeter fuel break plan.	<ul> <li>Forestry, Fire &amp; State Lands Fire Mgmt Officer</li> <li>County Fire Marshal</li> <li>Local Fire Department</li> <li>Civic Organizations</li> <li>Land owners</li> <li>Commercial entities</li> </ul>	Fuel Reduction Sub-committee Chairperson	Medium

# Identification of Responsible Parties, Resources and Priorities

(Copy page as needed)

Goal	Action	Resources	Responsible Party	Priority

# PART III: RESOURCES

Directions: This section is to be completed through joint effort between the Community Wildfire Committee and fire officials. This section will contain a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.

#### **INSTRUCTIONS**

#### List of Resources

List wildfire preparation and response resources to be retained in a community wildfire reference library, such as brochures, leaflets, books, magazines, videos, charts, etc.

#### **SAMPLE**

#### Informational materials

### General Fire Prevention

- "Are You Living in the Red?" pamphlet (Utah Fire Assessment Project: Bureau of Land Management et. al.)
- "How to Protect Your Home: It Could Happen to You" (USDA Forest Service)
- "How to Reduce Wildfire Risk" Tree City USA Bulletin (The National Arbor Day Foundation)
- "Living With Fire" video and pamphlet (Utah Living With Fire)
- "Protect Your Hide-away Home" pamphlet (Utah Department of Natural Resources)
- "Protecting Residences from Wildfire" (USDA Forest Service)
- "Protecting Your Home Against Wildfire" video (National Wildfire Coordinating Group)

# Landscaping/Building

- "Firewise Plants for Utah Landscapes" Utah Forest Facts newsletter (Utah State University Extension)
- "How to Landscape for Safer Hillside Living" pamphlet (Los Angeles City Fire Department)

#### Community Planning

- "Community Involvement in Fire Prevention" (Fire Management Notes Vol. 42)
- "Community Planning: An Introduction to the Comprehensive Plan" (Kelly, Becker; Island Press)
- "County Land Use Planning: How Can Planners Help the Fire Services in Protecting Homes from Wildfire" (USDA Forest Service, General Technical Report INT 251)
- "Development Strategies in the Wildland/Urban Interface" (Western Fire Chiefs Association)
- "The Greenbelt Concept: Sa feguarding Your Community with Planning Buffer Zones" (American Fire Journal)

#### **Evacuation Planning**

"Fire Alert, Warning and Evacuation" guidance document (Utah Div. Of Emergency Services & Homeland Security)

## Websites

Firewise Home Page - http://www.firewise.org

Forest Service Fire Management Website - http://www.fs.fed.us/r3/sfe/fire/index.html

Insurance Services Office (town fire ratings) - http://www.isomitigation.com

National Fire Protection Association – http://www.nfpa.org

National Interagency Fire Ctr, Wildland Fire Prevention/Education – http://www.nifc.gov/preved/rams.html U.S. Dept. of Agriculture "How to Get Information" (contacts) – http://www.usda.gov/news/howto/nre.htm

Utah BLM Fire Management Website - http://www.ut.blm.gov/fire/Assessment/assessment.html

Utah Twenty-First Century Communities Program - http://utahreach.usu.edu/comm21/index.htm

# Resources

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1	U.S. Dept. of Agriculture "How to Get Information" (contacts) – http://www.usda.gov/news/howto/nre.htm Utah BLM Fire Management Website - http://www.ut.blm.gov/fire/Assessment/assessment.html Utah Twenty-First Century Communities Program – http://www.dced.state.ut.us/21century/index.htm
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# **PART IV:** TECHNICAL ASSESSMENTS

Directions: This section is to be completed by fire officials. Include any technical data and information which will support or supplement the information provided by the Community in Parts I and II. Specific information is requested in order to provide consistency among fire plans within the state.

#### **INSTRUCTIONS**

# A. Community Description

Fire officials are to provide detailed assessments and information regarding this community. Documentation from assessments, ratings, surveys, etc. should be included in the Appendix, along with maps.

# 1. Physical Description a. Area Legal description: USGS Map Quadrangle (optional): VOR RAD distance (optional): b. Topography and Vegetation Slope % Range \_\_\_\_\_% to \_\_\_\_% Aspect (predominate) (Cardinal direction) Describe the vegetation in the area:

# c. Water Supply

# Ponds / Creeks / other natural water sources:

Type: <u>Pond/Creek</u>	Location / GPS Coordinates	Status: Perman ent / <u>Intermittent</u>	-	: :
•				
•				
•				
•				
•				

<sup>\*</sup> Ponds: measure 1000's of gallons; Creeks: measure in cfs during fire season

# Hydrants:

	<u>Location</u>	Type: <u>Dry/Pressurize</u>	Data: <u>*TP&amp;S</u>	GPM (max.) Output	<u>Comments</u>
•					
•					
•					
•					
•					

<sup>\* &</sup>lt;u>T</u>hread <u>P</u>ressure and <u>S</u>ize

# Water Tanks / Other available water storage (underground cisterns, swimming pools, etc.):

	<u>Location</u>	<u>Access</u>	# of gallons*	Responsible Entity	Phone # / E-mail
•					
•					
•					
•					
•					

<sup>\*</sup>measure 1000's of gallons

d.	<b>Emergency</b>	Services/E	quipment Ca	pabilities

D '1 (1					available from	1 1 ,	1	C 1 1	
Describe the	types of a	ergency s	ervices and	eauanment	available from	local county	state and	tederal	recources
Describe the	types or v	om or gone y	oci vices and	cquipment	available mom	iocai, county,	state, and	rcuciai	resources.

911 Services:	
Local:	
County:	
State:	
Federal:	

# 2. Hazard Evaluation

## a. Area Fire History

Month/Year of fire	Ignition point	Ignition source	Acres burned
•			
•			
•			
•			
•			

# b. Subdivision rating

The subdivision is rated (low / moderate / high / severe / extreme) for wildfire hazard.

(Documentation for this rating should be included in the Appendix.)

# c. Property / Structure Rating

All lots will be rated for wildfire hazard, as arranged by the Fire Council with fire officials and as permitted by the owners. The estimated time of completion for all ratings is \_\_\_\_\_\_.

Documentation of individual property ratings should be included in the Appendix.

d. Expected Fire Behavior

Describe expected fire behavior. Detailed documentation should be included in the Appendix.					

INSTRUCTIONS	3

# **B.** Community Prescription

Based on the information collected, provide recommendations for action under each of the following categories. Fuel modification project plans should include recommendations for ongoing maintenance. Attach project worksheets for each project, and similar documentation for other goals.

# 1. Fuel Modification Projects

Project(s) (briefly identify)	<u>Timeframe</u>	Person in Charge
•		
•		
•		
•		

# 2. Infrastructure Improvements (Utilities, Water Developments, Equipment Acquisition / Repair, etc.)

Project(s) (briefly identify)	<u>Timeframe</u>	Person in Charge
•		
•		
•		
•		

# 3. Education

Goal(s) (briefly identify)	<u>Timeframe</u>	Person in Charge
•		
•		
•		

# 4. Wildfire Response / Pre-Attack Plan

# A Pre-Attack Plan should be in place, with a detailed description attached. It should address the following:

Emergency notification procedures
Fire protection responsibilities among agencies
(private, state, federal lands; response times)
Command responsibilities
Pre-determined locations for...

Command Post
Staging Areas
Safety Zones
Helibase / Helispots

Factors in determining evacuation vs. shelter-in-place
Traffic Control
Briefing of personnel on safety and hazards
Determining Operational Mode
Determining resource needs
 (aircraft, mechanized, hand crews, water/
 chemical delivery systems)
Determining assignments

(reconnaissance, medical suppression, rehab)

Goal(s) (briefly identify)	<u>Timeframe</u>	Person in Charge
•		
•		
•		
•		

# 5. Monitoring and Evaluation

Goal(s) (briefly identify)	<u>Timeframe</u>	Person in Charge
•		
•		
•		
•		

# **APPENDIX**

#### **INSTRUCTIONS**

This section is to be filled as needed by both the Community Wildfire Committee and fire officials. Items can include, but are not limited to:

- Contact Lists
- Assessment Project W orksheets
- Maps

- Homeowner Checklists
- Examples / Sample documents
- Glossary

#### **SAMPLE**

# Appendix A - Contact Lists

Utah Division of Forestry, Fire and State Lands USDA Forest Service Districts Phone/Address List of all Community Members Emergency Call-Down List Forest Products Directory

# Appendix B - Maps

Topography Boundaries Vegetation / Fuel Types (Hazard area) Escape routes Safety zones

#### Appendix C - Assessments / Worksheets

Defensible Space Assessment Worksheets Wildfire Hazard Rating Form Wildland Urban Interface Project Sheet (funding)

# Appendix D - Checklists / Homeowner Information

Fire Disaster Potential Checklist for Homeowners
Fire Disaster Potential Checklist for Developers
Landscaping and Defensible Space Checklist
Construction Checklist
Fire Resistant Plants
Emergency Response checklist
Zoning recommendations checklist

# Appendix E - Other

Wildfire Glossary Sample County Fire Ordinances

# **Appendices**

Appendix A:				
Contents:				
Appendix B:				
Contents:				
Appendix C:	Appendix C:			
Contents:				
Appendix D:				
Contents:				
Appendix E:	Appendix E:			
Contents:				

# AGENCY CONTACT INFORMATION

(as of March, 2002)

# Utah Department of Natural Resources <u>Division of Forestry, Fire and State Lands</u>

# **Bear River Area Office**

Craig Pettigrew, Area Manager

1780 N. Research Pkwy, Ste 104 N. Logan, UT 84341-1940 (435) 752-8701

# Northeastern Area Office

Dale Jablonski, Area Manager Stephen Rutter, FMO

> 152 East 100 North Vernal, UT 84078-2126 (435) 781-5463

\* FMO = Fire Management Officer

# **Wasatch Front Area Office**

Dick Buehler, Area Manager Barbara Gardner, Area Forester

1594 W. North Temple, Ste 3520 Salt Lake City, UT 84116 (801) 538-5555

# **Central Area Office**

Kelly Allen, Area Manager Mike Melton, FMO

115 East 900 North Richfield, UT 84701-1847 (435) 896-5697

# **Southwestern Area Office**

Ron Larsen, Area Manager Larry LeForte, FMO

585 North Main Cedar City, UT 84720-2643 (435) 586-4408

# Southeastern Area Office

Gary Cornell, Area Manager Heather O'Hanlon, Interface Project Coordinator

1165 S. Highway 191, Suite 6 Moab, UT 84532-3002 (435) 259-3766

# **Utah Resource & Development Councils**

# Bear River RC&D

1860 North 100 East No. Logan, UT 84341 (435) 753-3871

#### Castlelands RC&D

P.O. Box 1287 Huntington, UT 84528 (435) 687-2985

### Color Country RC&D

2460 W. Highway 56 #5 Cedar City, UT 84720 (435) 586-7449

# Dinosaurland RC&D

240 W. Highway 40 Roosevelt, UT 84066 (435) 722-0884

# Mountainlands RC&D

2210 S. Hwy 40, Suite B Heber City, UT 84032-3527

# Panoramaland RC&D

3490 North 600 East Richfield, UT 84701 (435) 896-8965 ext. 42

# Bonneville RC&D

5370 South 1030 West Murray, UT 84123 (801) 262-6838

# **Utah Associations of Government (AOG)**

# **Bear River AOG**

170 North Main Logan, UT 84321 (435) 752-7242

# Five County AOG

906 N. 1400 W., Box 1550 St. George, UT 84770 (435) 673-3548

# Mountainland AOG

586 East 800 North Orem, UT 84097-4146 (801) 229-3800

# **Six-County AOG**

250 North Main Richfield, UT 84701 (435) 896-9222

# Southeastern AOG

375 S. Carbon Ave., Box 1106 Price, UT 84501 (435) 637-5444

# **Uintah Basin AOG**

855 East 200 North (112-3) Roosevelt, UT 84066 (435) 722-4518

# Other Planning / Training Resources

# Community Solutions, Inc.

Kathy Hammons, Janet Johnson 386 East 600 North Midway, UT 84049 (435) 657-0668

# **Utah Rural Development Council**

351 W. Center St., Admin 304D Cedar City, UT 84720 (435) 586-7852

# **Wasatch Front Regional Council**

420 W. 1500 S., Ste. 200 Bountiful, UT 84010 (801) 292-4469

# **American Red Cross**

# **Cache County Chapter**

1115 North 200 East, Ste 140 Logan, UT 84341 (435) 752-1125

# **Ogden Chapter**

2955 Harrison Boulevard Ogden, UT 84403 (801) 627-0000

# **Greater Salt Lake Area Chapter**

465 South 400 East, Box 3836 Salt Lake City, UT 84110-3836 (801) 323-7000

# **Mountain Valley Chapter**

865 North Freedom Blvd. Provo, UT 84604-3315 (801) 373-8580

# Southern Nevada Chapter

3672 N. Rancho Drive Las Vegas, NV 89130 (702) 791-3311

# Western Colorado Chapter

506 Gunnison Avenue Grand Junction, CO 81501 (970) 242-4851

# **Emergency Management / Fire Agencies**

# Federal Emergency Mgmt Agency

Denver Federal Center Building 710, Box 25267 Denver, CO 80225-0267 (303) 235-4800

# Utah Comprehensive Emergency Management Rm. 1110, State Office Bldg.

Salt Lake City, UT 84114 (801) 538-3400

#### **Utah State Fire Marshal**

5272 S. College Dr., Ste 302 Murray, UT 84123-2611 (801) 284-6350

# State of Utah County Emergency Management Coordinators

# **Beaver County**

Deputy Brian Lacy (435) 438-6449 quackerjack11@hotmail.com

# **Box Elder County**

Denton Beecher (435) 734-3357 sbosgieter@boxeldercounty.org

# **Cache County**

Capt. Bob DeGasser (435) 750-7406 bdegasser@cache.state.ut.us

# Carbon County

Dennis Dooley (435) 636-3290 slehman@co.carbon.ut.us

# **Daggett County**

Shirley Slaugh (435) 784-3389 wslaugh@union-tel.com

# **Davis County**

Sgt. Brian Law (801) 451-4129 brianlaw@co.davis.ut.us

# **Duchesne County**

Georg Adams (435) 738-1181 georg@hotmail.com

# **Emery County**

Deputy Martin Wilson (435) 381-2404 martin@ecso.com

# **Garfield County**

Ms. Chris Hatch (435) 676-2678 gcso@color-country.net

# **Grand County**

Doug Squire (435) 259-1363 dsquire@grand.state.ut.us

# **Iron County**

Vern Grimshaw (435) 586-3061 icelpc@accesswest.com

# **Juab County**

Gary Corbin (435) 623-1762 (currently no e-mail)

# **Millard County**

Lt. Forrest Roper (435) 743-5302 froper@millard.state.ut.us

# Morgan County

Terry Turner (801) 845-4048 tturner@wfol.net

# **Piute County**

Sheriff Marty Gleave (435) 577-2893 delta1@hotmail.com

# **Rich County**

Dan Ames (435) 793-2285 lazya@cut.net

# Salt Lake County

Bob Halloran, Bureau Chief (801) 743-7102 bhalloran@co.slc.ut.us

# San Juan County

Rick Bailey (435) 587-3225 sanjuan.rbailey@state.ut.us

# Sanpete County

Kevin Holman (435) 835-2191 holmank@sanpeteso.org

# **Summit County**

Merlin Rudd (435) 655-0133 mrudd@hotmail.com

# **Tooele County**

Kari Sagers (435) 843-3260 kari@tcem.org

# **Uintah County**

Dale Peterson (435) 789-1911 countylepcs@hotmail.com

# **Utah County**

Dave Bennett (801) 343-4132 ucso.daveb@state.ut.us

# **Wasatch County**

Kent Berg (435) 654-1661 kberg@co.wasatch.ut.us

# **Washington County**

Mr. Dean Cox (435) 673-4824 deanc@washco.state.ut.us

# **Wayne County**

Vicky Bower (435) 425-3100 vtaft@wco.state.ut.us

# **Weber County**

Lance Peterson (801) 778-6682 lpeterson@co.weber.ut.us

# **Utah Soil Conservation Districts**

#### Alpine Soil Conservation District

1350 W. Anderson Lane Lindon, UT 84042 (801) 785-2884

# **Beaver Soil Conservation District**

P.O. Box 746 Beaver, UT 84713 (435) 438-2326

#### Blacksmith Fork Soil Cons. District

1835 West 3200 South Logan, UT 84321 (435) 752-7573

#### Canyonlands Soil Cons. District

P.O. Box 243 Escalante, UT 84726 (435) 826-4252

# **Daggett Soil Conservation District**

Box 267 McKinnon, WY 82938 (435) 784-3113

#### **Davis Soil Conservation District**

1649 West 700 South Syracuse, UT 84075 (801) 825-1772

#### **Delta Soil Conservation District**

4161 West 2100 North Delta, UT 84624 (435) 846-3379

#### **Dixie Soil Conservation District**

322 West 1300 South Hurricane, UT 84737 (435) 635-2992

### **Duchesne Soil Cons. District**

Box 832 Duchesne, UT 84021 (435) 738-5710

#### E & I Soil Conservation District

P.O. Box 2557 Cedar City, UT 84720 (435) 586-4063

#### Fremont River Soil Cons. District

Box 1513 Lyman, UT 84749 (435) 836-2772

# **Grand Soil Conservation District**

2941 E. Bench Road Moab, UT 84532 (435) 259-6235

#### **Grantsville Soil Conservation District**

358 E. Church Road Erda, UT 84074 (435) 882-0465

#### Green River Soil Cons. District

P.O. Box 153 Green River, UT 84525 (435) 564-8142

#### **Juab Soil Conservation District**

290 East 300 North Mona, UT 84645 (435) 623-1048

#### Kamas Valley Soil Cons. District

472 East 3600 North Kamas, UT 84036 (435) 783-4714

# Kane County Soil Cons. District

165 West Kanab Creek Drive Kanab, UT 84741 (435) 644-2774

#### **Millard Soil Conservation District**

Box 159 Holden, UT 84636 (435) 795-2618

# **Morgan Soil Conservation District**

1360 West Island Road Morgan, UT 84050 (801) 829-6327

## North Cache Soil Cons. District

20 East 1600 South Lewiston, UT 84320 (435) 258-2828

#### Northern Utah Soil Cons. District

P.O. Box 175 Tremonton, UT 84337 (435) 257-7201

# Piute County Soil Cons. District

RFD Antimony, UT 84712 (435) 624-3247

# **Price River Soil Cons. District**

6495 South 3000 East Price, UT 84501 (435) 637-3474

#### **Rich Soil Conservation District**

P.O. Box 67 Laketown, UT 84038 (435) 946-3221

# Salt Lake Soil Cons. District

1275 West 6850 South West Jordan, UT 84084 (801) 262-4735

#### San Juan Soil Cons. District

P.O. Box 219 Monticello, UT 84535 (435) 587-2724

#### San Rafael Soil Cons. District

Box 263 Ferron, UT 84523 (435) 384-2397

# Sanpete Soil Conservation District

P.O. Box 3056 Chester, UT 84623 (435) 436-8698

#### Sevier County Soil Cons. District

245 North 500 West Richfield, UT 84701 (435) 896-5883

#### **Shambip Soil Conservation District**

90 South West Park Rush Valley, UT 84069 (435) 837-2244

#### **Summit County Soil Cons. District**

1430 East Chalk Creek Coalville, UT 84017 (435) 335-2204

#### Timp-Nebo Soil Cons. District

4083 West 12680 South Payson, UT 84651 (801) 465-2777

#### Twin M Soil Conservation District

Box 942 Milford, UT 84751 (435) 387-2690

#### **Uintah Soil Conservation District**

Box 760036 Tridell, UT 84076 (435) 247-2527

# **Upper Sevier Soil Cons. District**

160 S. Main, P.O. Box 128 Panguitch, UT 84759 (435) 676-2686

# **Wasatch Soil Conservation District**

2787 East 2400 South Heber City, UT 84032 (435) 654-1486

# **Weber Soil Conservation District**

2910 West 2550 South West Haven, UT 84401 (801) 731-0546

#### West Box Elder Soil Cons. District

HC 72 Box 2324 Malta, ID 83342 (435) 827-5724

# **Utah Department of Natural Resources**

Divisions other than Forestry, Fire and State Lands

# **Division of Wildlife Resources**

1594 W. No. Temple Salt Lake City, UT 84116 (801) 538-4700

Regional Office - Ogden (801) 476-2740

Regional Office - Vernal (435) 789-3103

Regional Office - Springville (801) 489-5678

Regional Office - Price (435) 636-0263

Regional Office - Cedar City (435) 865-6103

# Division of Oil, Gas & Mining

1594 W. No. Temple, Ste 1210 Salt Lake City, UT 84116 (801) 538-5340

# **Division of Water Rights**

1594 W. No. Temple, Ste 220 Salt Lake City, UT 84116 (801) 538-7240

Regional Office - Logan (435) 752-8755

Regional Office - Vernal (435) 781-5327

Regional Office - Price (435) 637-1303

Regional Office - Richfield (435) 896-4429

Regional Office - Cedar City (435) 586-4231

# **Division of Water Resources**

1594 W. No. Temple, Ste 310 Salt Lake City, UT 84116 (801) 538-7230

## **Division of Parks & Recreation**

1594 W. No. Temple, Ste 116 Salt Lake City, UT 84116 (801) 538-7220

Northeast Region (435) 649-9109

Northwest Region (801) 533-4229

Southeast Region (435) 259-3755

Southwest Region (435) 586-2789

For information on State Parks: http://www.stateparks.utah.gov

# **Utah Geological Survey**

1594 W. No. Temple, Ste 3110 Salt Lake City, UT 84116 (801) 538-3300

# U.S. Department of Agriculture Forest Service ~ Utah Offices

# **Intermountain Regional Office**

Federal Building 324 25<sup>th</sup> Street Ogden, UT 84401 (801) 625-5306

# **Ashley National Forest**

355 North Vernal Avenue Vernal, UT 84078 (435) 789-1181

# **Dixie National Forest**

1789 N. Wedgewood Lane Cedar City, UT 84720 (435) 865-3700

# Fishlake National Forest

115 East 900 North Richfield, UT 84701 (435) 896-9233

# **Manti-LaSal National Forest**

599 West Price River Drive Price, UT 84501 (435) 637-2817

# **Uinta National Forest**

88 West 100 North Provo, UT 84601 (801) 342-5780

# Wasatch-Cache National Forest

8236 Federal Building 125 South State Street Salt Lake City, UT 84138 (801) 524-3900

# U.S. Department of Interior Bureau of Indian Affairs ~ Utah Offices

# PHOENIX AREA OFFICE

for Arizona, Nevada, Utah P.O. Box 10 Phoenix, AZ 85001 (602) 379-6600

# **Southern Paiute Field Station**

P.O. Box 720 St. George, UT 84711 (435) 674-9720

# **Uintah & Ouray Agency**

P.O. Box 130 Fort Duchesne, UT 84026 (435) 722-2406

# Tribes

# **Skull Valley Goshute Reservation**

P.O. Box 150 Grantsville, UT 84029 (801) 363-7726

# Paiute Indian Tribe of Utah Tribal Council

600 North 100 East Paiute Drive Cedar City, UT 84720 (435) 586-1112

# **Uintah & Ouray Tribal Business Committee**

P.O. Box 190 Fort Duchesne, UT 84026 (435) 722-5141

# **Goshute Business Council**

P.O. Box 6104 Ibapah, UT 84034 (435) 234-1136

# U.S. Department of Interior Bureau of Land Management ~ Utah Offices

## Salt Lake Field Office

2370 South 2300 West Salt Lake City, Utah 84119 (801) 977-4300

# **Vernal Field Office**

170 South 500 East Vernal, UT 84078 (435) 781-4400

# **Fillmore Field Office**

35 East 500 North Fillmore, Utah 84631 (435) 743-3100

# Richfield Field Office

150 East 900 North Richfield, UT 84701 (435) 896-1500

## **Price Field Office**

125 South 600 West Price, Utah 84501 (435) 636-3600

# **Moab Field Office**

82 East Dogwood Moab, Utah 84532 (435) 259-2100

# **Cedar City Field Office**

176 East D.L. Sargent Drive Cedar City, Utah 84720 (435) 586-2401

# St. George Field Office

345 East Riverside Drive St. George, Utah 84720 (435) 688-3200

## **Kanab Field Office**

318 North First East Kanab, Utah 84741 (435) 644-4600

# **Monticello Field Office**

435 North Main, PO Box 7 Monticello, Utah 84535 (435) 587-1500

# Grand Staircase - Escalante National Monument

190 East Center Kanab, UT 84741 (435) 644-4300

# U.S. Department of Interior Fish and Wildlife Service ~ Utah Offices

Senior Resident Agent - Ogden P.O. Box 2369 Ogden, UT 84402 (801) 625-5570

Bear River Migratory Bird Refuge Brigham City, UT 84302 (801) 723-5887 Ecological Services Field Office 2369 West Orton Circle West Valley City, UT 84119 (801) 975-3330

Fish Springs Natl. Wildlife Refuge Highway 36, Pony Express Trail Ibapah, UT 84034 (435) 831-5353

Colo. River Wildlife Mgmt. Refuge Ouray Natl. Wildlife Refuge 19001 East Wildlife Refuge Road Randlett, UT 84063-2042 Colorado River Fishery Project 1380 South 2350 West Vernal, UT 84078-2042 (435) 789-4078

Fish & Wildlife Service Management Assistance Office 1380 South 2350 West Vernal, UT 84078-2042 (435) 789-0354

# U.S. Department of Interior National Park Service ~ Utah Offices

# **Arches National Park**

P.O. Box 907 Moab, UT 84532-0907 (435) 719-2100 (He adquarters)

Bryce Canyon National Park P.O. Box 170001 Bryce Canyon, UT 84717-0001 (435) 834-5322 (He adquarters)

California Natl. Historic Trail 324 S. State Street, Ste 250

P.O. Box 45155 Salt Lake City, UT 84145-0155 (801) 539-4095 (Headquarters)

Canyonlands National Park 2282 S. West Resource Blvd.

2282 S. West Resource Blvd. Moab, UT 84532-3298 (435) 719-2100 (Headquarters)

Capitol Reef National Park

HC 70 Box 15 Torrey, UT 84775-9602 (435) 425-3791 (Visitor Info) Cedar Breaks Natl. Monument

2390 W. Highway 56, Suite 11 Cedar City, UT 84720-4151 (435) 586-9451 (Visitor Info)

Glen Canyon Natl. Recreation Area

P.O. Box 1507 Page, AZ 86040-1507 (928) 608-6200 (He adquarters)

Golden Spike National Historic Site

P.O. Box 897 Brigham City, UT 84302-0897 (435) 471-2209 (Visitor Info)

**Hovenweep National Monument** 

McElmo Route Cortez, CO 81321 (435) 719-2100 (He adquarters)

Mormon Pioneer Natl. Historic Trail

Long Distance Trails Office 324 South State, Suite 250 Salt Lake City, UT 84145-0155 (801) 539-4095 (He adquarters) Natural Bridges Natl. Monument

HC 60 Bo x 1 Lake Powell, UT 84533-0101 (435) 719-2100 (He adquarters)

Pony Express Natl. Historic Trail

Long Distance Trails Office 325 South State St., Ste 324 Salt Lake City, UT 84145-0155 (801) 539-4093 (He adquarters)

Rainbow Bridge Natl. Monument

P.O. Box 1507 Page, AZ 86040-1507 (520) 608-6200 (He adquarters)

Timpanogos Cave Natl. Monument

R.R. 3, Box 200 American Fork, UT 84003-9803 (801) 756-5239 (He adquarters)

Zion National Park

SR 9 Springdale, UT 84767-1099 (435) 772-3256